

Amendments to the Claims:

Please amend Claim 14 to read, as follows.

Claims 1 through 13. **(Cancelled)**

14. **(Currently Amended)** An apparatus comprising:

a layered board including an optical layer includes an optical waveguide layer capable of transmitting the optical signal in a planar manner in said waveguide layer; a first layer capable of transmitting an electrical signal and an optical signal;

a second layer capable of transmitting at least one of an electrical signal and an optical signal;

an a signal insulating layer interposed between the optical said first layer and said second layer; [[and]]

a signal connecting path penetrating said insulating layer, said signal connecting path establishing interconnection of a signal between said optical first layer and said second layer, and said signal connecting path performing having both a function of transmitting an [[the]] electrical signal and a function of transmitting an [[the]] optical signal;

means for transmitting and receiving a high-frequency signal; and

means for processing the high-frequency signal,

wherein said optical waveguide includes one of a conical and hemispherical light scattering structure, said light scattering structure being disposed in said optical waveguide

layer, and a signal being transmitted between said signal connecting path and said optical waveguide layer through said light scattering structure, and

wherein said apparatus is incorporated in ~~constructed as~~ a cellular phone.